

MAG Census Hard-to-Count Population Data Viewer

URL

http://ims.azmag.gov/imf/sites/census_htc/jsp/launch.jsp

Overview

The MAG Census Hard-to-Count Data Viewer is an online interactive web mapping application that depicts populations that are defined by the U.S. Census Bureau as “hard to count.” Hard to count populations are defined as those which are difficult to enumerate through a census. Census 2000 variables used to derive the Hard to Count score are:

- Percent vacant housing units
- Percent housing that are multi-unit or mobile homes
- Percent renter occupied housing
- Percent housing units that are considered crowded (1.5 persons / room)
- Percent households not husband and wife families
- Percent occupied units without telephone service
- Percent age 25+ who are not high school graduates
- Percent below poverty level
- Percent households with public assistance income
- Percent of people unemployed
- Percent linguistically isolated households
- Percent occupied units where householder moved into unit in 1999-2000

All Census data used in this application are from the 2000 Census, or were derived from it.

How to Use the Viewer

The map viewer is an online interactive Geographic Information System (GIS). The viewer provides basic map information, in addition to information about the hard to count populations. Below is a list of the tools available to you on the map viewer.

Basic Navigation and Reporting Tools



Zoom In – zoom in by clicking on a location on the map or by dragging a box to define a particular area to zoom to.



Zoom Out – zoom out by clicking on a location on the map.



Zoom to Full Extent – zoom out to the maximum view of the County.



Zoom to Previous Extent – jump back to your last map extent.



Pan - navigate around the map by hold the mouse button down while you drag the pointer across the map; whatever part of the map you grabbed, will end up wherever you release the mouse button.



Generate Report from Selected Features – this tool allows you to select one or more Census Tracts and generate reports on the hard-to-count values for the selected Tracts. Reports include information about the selected Tracts and a map of the area.

Other Tools



Identify – identify allows you to click a feature and see a list of its attributes.



Clear Selected Features – this tool resets the selected set of Census Tracts. This is useful if you are generating multiple reports on Census Tract Hard to Count scores.



Measure Distance - this enables you to measure distances on the map. You can measure the distance between two locations or you can measure the total distance of a route, with multiple stops.



Save Project – this tool allows you to save a Stored Session file (*.ssn) for later use.



Open Project – this tool allows you to open a previously saved project.

Tabs

Layers

The Layers tab display the layer list on the right side of the viewer. Use the layer list to control the appearance of the map by turning layers on or off. Also, you can toggle your active layer from the layer list.

Legend

The Legend tab displays the current map legend on the right side of the viewer.

Create PDF

The Print PDF tab allows you to generate a PDF of the current map that can be downloaded and printed, or shared electronically.

Help

The Help tab launches the built-in Help system for the viewer.

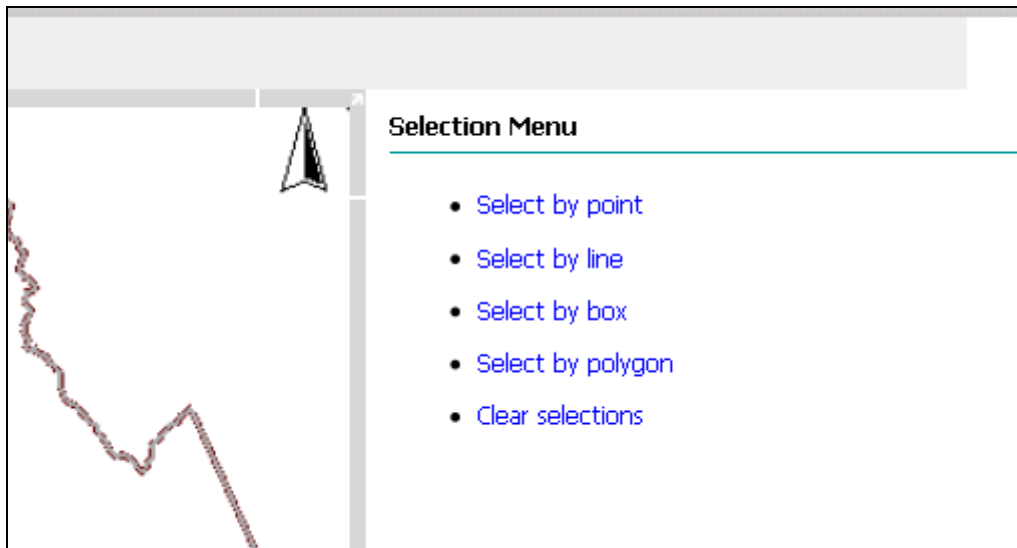
Generating a Report

The “Census Tracts – Hard to Count” layer should be visible before starting. To do this, click the check box next to the layer name.

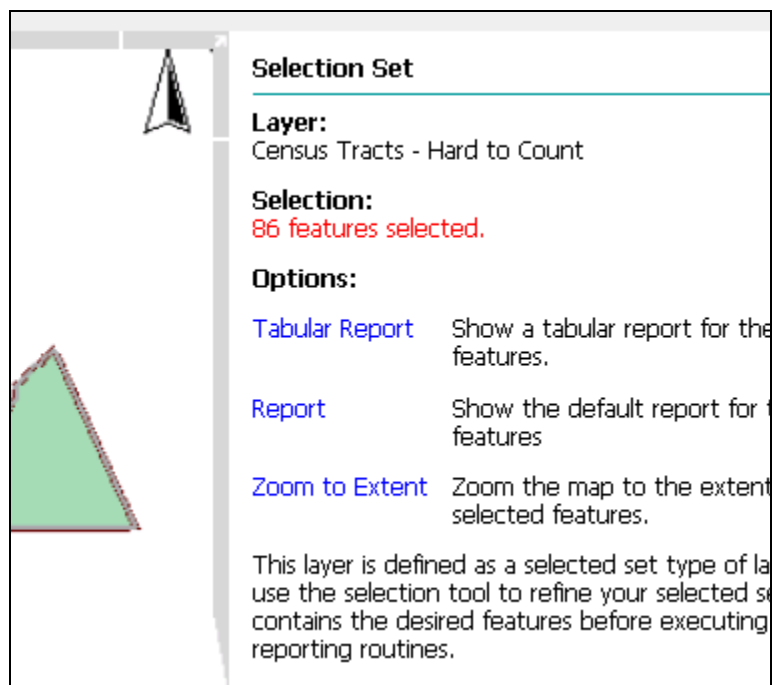
1. Click the “Generate Report from Selected Features” tool in the toolbar as shown below:



2. Once you've clicked on the tool, the Selection Menu will be shown in the right pane.



3. Click a selection option from the Selection Menu. To select single Census Tracts, use the Select by Point option and click on the map to select a Tract. Use select by line, box, or polygon to select multiple Tracts. Once the selection is made, you will be presented with the following in the right hand pane:



- Two methods of reporting are available from this screen. The "Tabular Report" option will open a new window and present information about the selected Census Tracts in a spreadsheet format. The "Report" option will open the Report Wizard.

http://ims.azmag.gov/imf/sites/census_htc/jsp/magReportCensusHTCForm.

Report Wizard

This report wizard will lead you through the steps to create precanned or custom reports.

Select a report:

Census Tract Detail

Close Submit

- Select "Census Tract Detail" from the dropdown menu (currently, the only option) and hit submit. You will be presented with a report similar to this:

